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First Named Inventor	Hiroaki OBARA				
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			· U.S. I	PATENT DOCUME	ENTS
Examiner Cite Document Initials* No. Number	Cite	Document		Publication Date	
	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		US			
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	FOREIGN PATENT DOCUMENTS						
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Initials*	No.	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
CE		JP	5-173727	Α	07-13-1993	NEC Eng Ltd	
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